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... upon in the most time- critical **applications** - because of ... slot, the activity on the **network** - at all ... In comparison to other **deterministic** access methods to a ...

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... which monitors all software **applications** to ensure task sharing and **network** synchronisation. ... a full complement of **deterministic**, multitasking services ...

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KC Claffy, GC Polyzos, HW Braun - ACM SIGCOMM Computer Communication Review, 1993 - portal.acm.org

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J Ventura, F Siebert, A Walter, J Hunt, S Portugal - Object-Oriented Real-Time Dependable Systems, 2002.(WORDS ..., 2002 - ieeexplore.ieee.org

... of the technology is essential for its wide **application**. ... State-of-the-Art **Deterministic** Implementation of full ... Real-time **network** and distributed event support ...

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... to the system 300 by a **deterministic network** (where the ... [0042] In this embodiment, **integrity** markers checked by ... signature on a software **application** 421 running ...

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PM Chen, BD Noble - Proceedings of the 2001 Workshop on Hot Topics in Operating ..., 2001 - doi.ieeecomputersociety.org

... guest **application** ... these are **deterministic** (though the time of the disk interrupts are non-deterministic). ... of log data is likely to be incoming **network** packets. ...

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JM Fala, LA Wills - 2003 - freepatentsonline.com

... reference for the intended **application** is performed ... the high priority and **deterministic**

function required ... transport testing of optical **network** components have ...  
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E Maillet - LMC-IMAG, Grenoble, France, 1995 - nscp01.physics.upenn.edu

... These messages increase the load of the **network** which can infer a ... of the observed **application** (in fact, many parallel **applications** are non-deterministic). ...

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[PDF] [Project JXTA 2.0 Super-Peer Virtual \*\*Network\*\* - all 11 versions »](#)

B Traversat, A Arora, M Abdelaziz, M Duigou, C ... - Sun Microsystem White Paper.

Available at [www.jxta.org/](http://www.jxta.org/) ..., 2003 - jxta.org

... centralized versus decentralized, **deterministic** versus underterministic, etc ... Physical **Network** JXTA Virtual **Network** ... messages between services and **applications** ...

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[A simple methodology for constructing extensible and high-fidelity TCP/IP \*\*network\*\* simulators - all 10 versions »](#)

SY Wang, HT Kung - INFOCOM'99. Eighteenth Annual Joint Conference of the IEEE ..., 1999 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... processing time, which contains non-deterministic, architecture-specific ... Use Simulated **Network**'s Virtual Time ... When an **application** program reports data related ...

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... to achieve synchronisation is non-**deterministic** which is ... to extend the FIP MPS **Application** Layer Protocol ... account of the time-critical **network** extensions, all ...

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... Optimizing Compiler for **Deterministic** Code Generation Analysis and ... **Real-time Network**

Support New interfaces for frequently-used ... to deploy the **application** in a ...

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K Kobayashi, M Kameyama, T Higuchi - Industrial Electronics, IEEE Transactions on, 1997 - ieeexplore.ieee.org

... access mechanism with **deterministic** access characteristics ... system architec- ture, **network** communication protocol for **real-time** control **applications**, and pattern ...

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### [\[BOOK\] Real-Time Systems: Design Principles for Distributed Embedded Applications](#)

H Kopetz - 1997 - books.google.com

... In a hard **real-time application**, such an approach is unacceptable ... computer) nodes interconnected by a **real-time** communication **network** (see also ...

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### [GUARDS: a generic upgradable architecture for real-time dependablesystems - all 11 versions »](#)

D Powell, J Arlat, L Beus-Dukic, A Bondavalli, P ... - Parallel and Distributed Systems, IEEE Transactions on, 1999 - ieeexplore.ieee.org  
... Appi Fault-tolerance and **integrity** catlon management ... redundancy Inter-channel communication **network** C 3 2 ... GUARDS components Ei **Application-specific** components ...

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[book] **Fieldbus Technology: Industrial Network Standards for Real-Time Distributed Control** - all 4 versions »

NP Mahalik - 2003 - books.google.com

... choice for the next generation **real-time** automation and process ... for automation and process control **applications** has to ... of Data and Con- trol **Network**, Web-based ...

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G Wübbena, A Bagge, M Schmitz - GPS Symposium, GPS JIN, 2001 - geopp.de

... influence of orbital errors is purely **deterministic**. ... A reference **network** in a multi-station ... **Real-time applications** require a communication link between a ...

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